


## PCT REQUEST

Original (for SUBMISSION )

0	For receiving Office use only	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	



0-4	Form - PCT/RO/101 PCT Request	
0-4-1	Prepared Using	PCT-SAFE [EASY mode] Version 3.50 (Build 0002.158)
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	Japan Patent Office (RO/JP)
0-7	Applicant's or agent's file reference	R03355PCT
I	Title of Invention	INK BAG, INK CARTRIDGE AND INK-JET RECORDING APPARATUS, INK FILLING METHOD, INK REFILLING METHOD, MANUFACTURING METHOD OF INK CARTRIDGE, AND RECYCLING METHOD OF INK CARTRIDGE
II	Applicant	
II-1	This person is:	applicant only
II-2	Applicant for	all designated States except US
II-4	Name:	RICOH COMPANY, LTD.
II-5	Address:	3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 1438555 Japan
II-6	State of nationality	JP
II-7	State of residence	JP
II-8	Telephone No.	03-3777-8111
II-9	Facsimile No.	03-5742-5429
II-11	Applicant's registration No. with the Office	000006747

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III-1	Applicant and/or inventor	
III-1-1	This person is:	applicant and inventor
III-1-2	Applicant for	US only
III-1-4	Name (LAST, First)	MURANAKA, Masakazu
III-1-5	Address:	3-1, Nishihara 2-chome, Shibuya-ku, Tokyo 1510066 Japan
III-1-6	State of nationality	JP
III-1-7	State of residence	JP
III-2	Applicant and/or inventor	
III-2-1	This person is:	applicant and inventor
III-2-2	Applicant for	US only
III-2-4	Name (LAST, First)	SUZUKI, Masato
III-2-5	Address:	423-1-203, Matsunaga, Numazu-shi, Shizuoka 4100874 Japan
III-2-6	State of nationality	JP
III-2-7	State of residence	JP
III-3	Applicant and/or inventor	
III-3-1	This person is:	applicant and inventor
III-3-2	Applicant for	US only
III-3-4	Name (LAST, First)	TSUYUKI, Takanori
III-3-5	Address:	24-13-203, Kitaimazawa, Numazu-shi, Shizuoka 4100876 Japan
III-3-6	State of nationality	JP
III-3-7	State of residence	JP
III-4	Applicant and/or inventor	
III-4-1	This person is:	applicant and inventor
III-4-2	Applicant for	US only
III-4-4	Name (LAST, First)	IGUCHI, Masami
III-4-5	Address:	186-3, Nagasawa, Shimizu-cho, Sunto-gun, Shizuoka 4110905 Japan
III-4-6	State of nationality	JP
III-4-7	State of residence	JP

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IV-1	Agent or common representative; or address for correspondence The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name (LAST, First)	ITOH, Tadahiko
IV-1-2	Address:	32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 1506032 Japan
IV-1-3	Telephone No.	03-5424-2511
IV-1-4	Facsimile No.	03-5424-2525
IV-1-6	Agent's registration No.	100070150
V	DESIGNATIONS	
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.	
VI-1	Priority claim of earlier national application	
VI-1-1	Filing date	18 March 2003 (18.03.2003)
VI-1-2	Number	2003-074520
VI-1-3	Country	JP
VI-2	Priority claim of earlier national application	
VI-2-1	Filing date	20 March 2003 (20.03.2003)
VI-2-2	Number	2003-076663
VI-2-3	Country	JP
VI-3	Priority claim of earlier national application	
VI-3-1	Filing date	20 March 2003 (20.03.2003)
VI-3-2	Number	2003-076676
VI-3-3	Country	JP
VI-4	Priority claim of earlier national application	
VI-4-1	Filing date	26 June 2003 (26.06.2003)
VI-4-2	Number	2003-183326
VI-4-3	Country	JP

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VI-5	<b>Priority document request</b> The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1, VI-2, VI-3, VI-4	
VII-1	<b>International Searching Authority Chosen</b>	Japan Patent Office (ISA/JP)	
VIII	<b>Declarations</b>	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	
IX	<b>Check list</b>	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	5	✓
IX-2	Description	61	-
IX-3	Claims	16	-
IX-4	Abstract	1	✓
IX-5	Drawings	26	-
IX-7	TOTAL	109	
	<b>Accompanying items</b>	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	✓	-
IX-17	PCT-SAFE physical media	-	✓
IX-18	other:	Revenue stamps of transmittal and search fee for receiving office	
IX-18	other:	Submission of certificate of payment for international fee	
IX-19	Figure of the drawings which should accompany the abstract		
IX-20	Language of filing of the international application	English	

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X-1	Signature of applicant, agent or common representative	
X-1-1	Name (LAST, First)	ITOH, Tadahiko
X-1-2	Name of signatory	
X-1-3	Capacity	

## FOR RECEIVING OFFICE USE ONLY

10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/JP
10-6	Transmittal of search copy delayed until search fee is paid	

## FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by the International Bureau	
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